



COMMUNICATION MODULES

OMC 8100 - RS is a dual communication module RS 232/485 with protocol ASCII/MESBUS/MODBUS RTU.

OMC 8100 - CAN is a communication CANBUS module with the possibility of expansion by double RS 232/485 with protocol ASCII/MESBUS/MODBUS RTU.

OMC 8100 - PROFI is a communication module PROFIBUS DP with the possibility of expansion by double RS 232/485 with protocol ASCII/MESBUS/MODBUS RTU.

OMC 8000 - GSM is a communication module which uses the GSM network to transfer data. It can be used for monitoring and remote process control using SMS, dial up data Internet connection or GPRS. It is possible to connect up to 255 main modules to one OMC 8000 - GSM module.

EXPANSION MODULES

OMC 8100 - RS

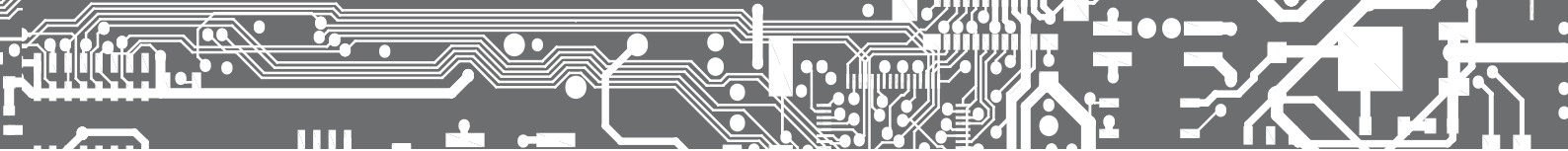
OMC 8100 - CAN

OMC 8100 - PROFI

OMC 8000 - GSM

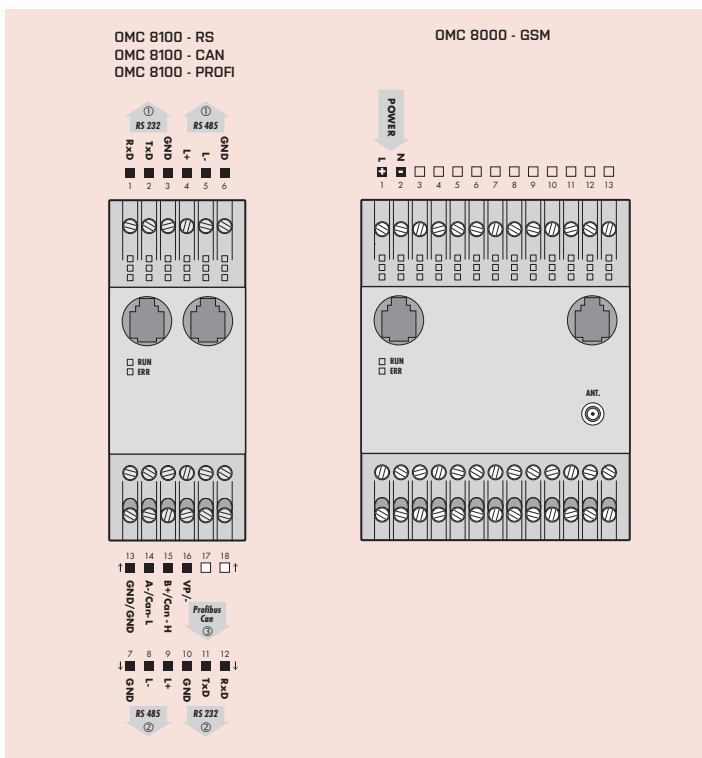


- 2x DATA OUTPUTS - RS 232/485
- 1x DATA OUTPUTS - CANBUS
- 1x DATA OUTPUTS - PROFIBUS
- 1x DATA OUTPUTS - GSM



	OMC 8100 - RS	OMC 8100 - CAN	OMC 8100 - PROFI	OMC 8000 - GSM
OUTPUTS				
Number	2	1 (3)	1 (3)	1
Type	RS 232/485	CANBUS	PROFIBUS DP	GSM
Data format	8 bit + no parity + 1 stop bit (ASCII) 7 bit + even parity + 1 stop bit (MESSB)			
Protocol	ASCII, MESSBUS, MODBUS RTU			
Rate	600...115 200 Baud		9,6 kBaud...12 Mbaud	
Address	0...31	?	0...125	
LED signalisation of output state	yes	yes	yes	yes
SPECIFICATIONS				
Module width	36 mm	36 mm	36 mm	72 mm
Maximum power consumption	150 mA	70 mA	150 mA	5 VA
Power supply	Powered by the Bus	Powered by the Bus	Powered by the Bus	24 V AC/DC 80...250 V AC/DC
Working temperature	-20°...60°C			
Cover	IP 40			
Dielectric strength	4 kVAC for the duration of 1 minute between supply and output			
Insulation resistance	for pollution degree II, measuring cat. III., 300 V [ZI], 150 [DI]			
Electric safety	EN 61010-1, A2			
EMC	EN 61326-1			

CONNECTION



ORDER CODE

OMC 8100 - RS	-	<input type="checkbox"/>
OUTPUTS RS 232/485	1x	1
	2x	2
OMC 8100 - CAN	-	<input type="checkbox"/>
OUTPUTS RS 232/485	no	0
	1x	1
	2x	2
OMC 8100 - PROFI	-	<input type="checkbox"/>
OUTPUTS RS 232/485	no	0
	1x	1
	2x	2
OMC 8000 - GSM	-	<input type="checkbox"/>
Power supply	24 V AC/DC, isolated	0
	80...250 V AC/DC, isolated	1